

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application:

Application No.:

Patent No.:

Filed:

Issue Date:

Title:

Commissioner for Patents
Washington, D.C. 20231

POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST
(REVOCATION OF PRIOR POWERS)

As assignee of record of each of the patent applications listed in the table of attachment A,

REVOCATION OF PRIOR POWERS OF ATTORNEY

all powers of attorney previously given in each of the listed patent applications are hereby revoked, and

NEW POWER OF ATTORNEY

the following attorneys/agents are hereby appointed to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: I hereby appoint all attorneys of Thomas, Kayden, Horstemeyer & Risley, LLP, who are listed under the USPTO Customer Number shown below as the attorneys to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith, recognizing that the specific attorneys listed under that Customer Number may be changed from time to time at the sole discretion of Thomas, Kayden, Horstemeyer & Risley, LLP, and request that all correspondence about the application be addressed to the address filed under the same USPTO Customer Number:

15650

Patent Trademark Office

Please direct all future correspondence and telephone calls to:

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ASSIGNEE OF ENTIRE INTEREST

BROADCOM CORPORATION

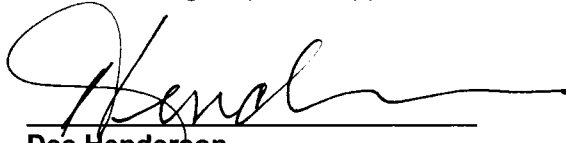
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Irvine, California 92617-3038

ASSIGNEE CERTIFICATION

The certification under 37 C.F.R. §3.73(b) establishing the right of assignee to take action is attached hereto along with documentation evidencing same. Further, in my official position with Broadcom Corporation, I am authorized to sign documents and otherwise act on its behalf in connection with the management and handling of patent applications and other intellectual property matters.

Date: _____

9/13/11

A handwritten signature in black ink, appearing to read 'Dee Henderson', written over a horizontal line.

Dee Henderson

Director - Intellectual Property Administration
Broadcom Corporation

Attachment A

No.	Serial No	Broadcom No./TKHR	Application Title	Filing Date	Broadcom Assignment (Reel/Frame)
1	13/215,942	BU1435C1 050228-3120	Jitter Buffer and Lost-Frame-Recovery Interworking	08/23/11	012833/0644
2	13/079,978	BU2017.1C1 050228-3130	Inverse Quantizer Supporting Multiple Decoding Processes	04/05/11	014309/0949
3	12/858,005	BU1248C3 050228-3140	PHY CONTROL MODULE FOR A MULTI-PAIR GIGABIT TRANSCEIVER	08/17/10	010763/0692
4	12/582,435	BU1248.1CD 050228-3150	Physical Coding Sublayer for a Multi-Pair Gigabit Transceiver	10/20/09	010764/0358
5	12/610,787	BU1231C4 050228-3160	DYNAMIC REGULATION OF POWER CONSUMPTION OF A HIGH-SPEED COMMUNICATION SYSTEM	11/02/09	010228/0504
6	12/136,539	BU1020C3 050228-3170	TARTUP PROTOCOL FOR HIGH THROUGHPUT COMMUNICATIONS SYSTEMS	06/10/08	009173/0984
7	12/255,182	BU1573C2 050228-3180	SYSTEM AND METHOD FOR TERRESTRIAL HIGH-DEFINITION TELEVISION RECEPTION	10/21/08	013015/0832
8	12/830,605	BU2486C1 050228-3190	DECODING AND PRESENTATION TIME STAMPS FOR MPEG-4 ADVANCED VIDEO CODING	07/06/10	013797/0384
9	12/795,808	BU2533C2 050228-3200	SYSTEM AND METHOD FOR PROGRAMMABLY ADJUSTING GAIN AND FREQUENCY RESPONSE IN A 10-GIGABIT ETHERNET/FIBRE CHANNEL SYSTEM	06/08/10	014017/0722
10	12/423,333	BU2737C1 050228-3210	SYSTEM AND METHOD FOR COMMUNICATING USING A MULTISERVER PLATFORM	04/14/09	014225/0121
11	13/220,781	BU2176.1C4 050228-3220	SYSTEM AND METHOD OF TRANSMISSION AND RECEPTION OF PROGRESSIVE CONTENT WITH ISOLATED FIELDS FOR CONVERSION TO INTERLACED DISPLAY	08/30/11	014517/0895
12	10/675,468	BU2816 050228-3230	Media processing system supporting personal advertisement channel and advertisement insertion into broadcast media	09/30/03	014252/0919
13	12/852,928	BU2775D2 050228-3240	GENERIC ON-CHIP HOMING AND RESIDENT, REAL-TIME BIT EXACT TESTS	08/09/10	014060/0087
14	10/725,974	BU3149 050228-3250	VIDEO DISPLAY AND DECODE UTILIZING OFF-CHIP PROCESSOR AND DRAM	12/02/03	014217/0172
15	12/406,709	BU3336C1 050228-3260	UNIFIED SYSTEM FOR PROGRESSIVE AND INTERLACED VIDEO TRANSMISSION	03/18/09	015064/0577
16	12/435,945	BU4761DC 050228-3280	Systems and methods for data storage devices and controllers	05/05/09	021266/0849
17	12/704,050	BU3863	METHOD AND SYSTEM FOR AN ETHERNET IP	02/11/10	016548/0793

No.	Serial No	Broadcom No./TKHR	Application Title	Filing Date	Broadcom Assignment (Reel/Frame)
		050228-3290	TELEPHONE CHIP		
18	12/341,877	BU3869.1C1 050228-3300	APPLICATION OF A META-VITERBI ALGORITHM FOR COMMUNICATION SYSTEMS WITHOUT INTERSYMBOL INTERFERENCE	12/22/08	015968/0646
19	13/074,722	BU4418C1 050228-3310	Method and System for Inverse Telecine and Field Pairing	03/29/11	017082/0161
20	12/822,922	BU4818C1 050228-3320	Operating Mode For Extreme Power Savings When No Network Presence Is Detected	06/24/10	017116/0798
21	13/052,572	BU4925C1 050228-3330	SYSTEM AND METHOD PROVIDING VARIABLE-FREQUENCY IF CONVERSION IN A MULTIMODE COMMUNICATION DEVICE	03/21/11	017802/0358
22	11/443,382	BU5035 050228-3340	METHOD AND SYSTEM FOR ADAPTIVE QUEUE AND BUFFER CONTROL BASED ON MONITORING AND ACTIVE CONGESTION AVOIDANCE IN A PACKET NETWORK SWITCH	05/30/06	018264/0722
23	12/418,448	BU4807.1C1 050228-3350	METHOD AND SYSTEM FOR FLEXIBLE FM TUNING	04/03/09	017177/0919
24	11/425,551	BU4807.6 050228-3360	Method and System for Frequency Conversion for Bluetooth and FM	06/21/06	018034/0808
25	11/425,571	BU4807.9 050228-3380	Method and System For a Transceiver For Bluetooth and Near Field Communication (NFC)	06/21/06	019551/0897
26	10/858,252	BU1268C 050228-3390	Packet based network exchange with rate synchronization	06/01/04	011050/0090
27	12/963,173	BU5383C1 050228-3400	Method and System for Motion Compensated Temporal Filtering Using Both FIR and IIR Filtering	12/08/10	018949/0350
28	11/622,551	BU5921 050228-3410	METHOD AND SYSTEM FOR SHARING LOW NOISE AMPLIFIER CIRCUITRY IN A SINGLE CHIP BLUETOOTH AND WIRELESS LOCAL AREA NETWORK	01/12/07	018931/0958
29	12/054,588	BU6853 050228-3420	METHOD AND SYSTEM FOR POWER AND CHARGING CONTROL IN A BLUETOOTH HEADSET UTILIZING MEASURED LOAD CURRENT AND MEASURED CHARGING CURRENT TO PREDICT CHARGE COMPLETION TIME	03/25/08	020803/0343
30	12/545,679	BU20538 050228-3430	METHOD AND SYSTEM FOR ASYMMETRICAL RATE CONTROL FOR 3D VIDEO COMPRESSION	08/21/09	023623/0397
31	12/560,578	BU20544 050228-3440	METHOD AND SYSTEM FOR WATERMARKING 3D CONTENT	09/16/09	023623/0568
32	12/560,592	BU20545 050228-3450	METHOD AND SYSTEM FOR PROTECTING 3D VIDEO CONTENT	09/16/09	023623/0589